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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Raymond E. Vache
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SS		US- 4,673,315	06-16-87	Robt. R. Shaw	col.2 lines 41-43
		US- 405/230			col.6 lines 3-10
					fig.1 Items 12,16
					18a,18b
SS		US- 4,911,580	03-27-90	Steven Gregory	col.6 lines 20-24
		US- 405/230			col.6 lines 32-35
					fig.1 items 12
					22a,22b
SS		US- 4,925,345	05-15-90	Wm. B. McGown	claim 1
		US- 405/232			lines 2-6
					fig.1 items 16
					20,24,25

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Examiner Signature	Sunil Singh	Date Considered	4/29/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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